



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION  
PROGRAM DEVELOPMENT & ADMINISTRATION DIVISION  
SUITE 600, JAMES K. POLK BUILDING  
505 DEADERICK STREET  
NASHVILLE, TENNESSEE 37243-1402  
(615) 741-3301

JOHN C. SCHROER  
COMMISSIONER

BILL HASLAM  
GOVERNOR

TO: Will Reid, Assistant Chief Engineer of Operations  
FROM: *RP* Ronnie Porter, Director, Program Development and Administration Division  
SUBJECT: **Proprietary Item Request and Justification**

PROJECT TITLE: Atoka Greenway – Pedestrian Neighborhood Connector Phase 2  
PIN: 119928.02  
FEDERAL PROJECT NO.: TAP-8400(80)  
STATE PROJECT NO.: 84LPLM-F3-046

I, Ronnie Porter, Director of Program Development and Administration, request approval to utilize the following proprietary item(s) in the subject project:

Amerlux LED light post on downlight pendant.

**Project Description**

Phase 2 of the greenway will include a 10-ft wide asphalt trail from the end of Phase 1 of the greenway at Elizabeth Dr., extending east and terminating at Pioneer Park. The project includes pedestrian lighting from Walker Park to Pioneer Park. Structures to allow for ADA access will include new crosswalks.

**Justification**

The Town of Atoka has worked with Amerlux LLC on previous projects and has been very satisfied with the design choices and functionality of their products. When choosing Amerlux LLC, the Town will be able to continue implementing the same lighting design from the previous phases of the greenway.

If you have any questions or comments, please contact **Lisa Dunn** at (615)253-2684 with the Local Programs Development Office or at [Lisa.Dunn@tn.gov](mailto:Lisa.Dunn@tn.gov).

I, Ronnie Porter, Program Development and Administration Division Director of the Tennessee Department of Transportation, do hereby certify that in accordance with the requirements of 23 CFR 635.411(a) (2) that the patented or proprietary item(s) as listed above is essential for the synchronization with existing facilities or no equally suitable alternative exists for this patented or proprietary item as listed above.

*Director, Traffic Operations*  
Recommendation for Approval

Assistant Chief Engineer of Operations

*7/25/18*  
Date



TOWN OF ATOKA  
334 Atoka-Munford Avenue  
Atoka, Tennessee 38004  
Phone: (907) 837-5300  
[www.TownofAtoka.com](http://www.TownofAtoka.com)

July 5, 2018

ATTENTION: Steve Bryan  
ORGANIZATION: TDOT, Traffic Operations  
ADDRESS: James K. Polk Building, Suite 1800  
505 Deaderick Street  
Nashville, TN 37243

Amin Salman,

The purpose of this letter is to request the use of our preferred manufacture for lighting materials for the design and implementation of our Greenway Trail Phase II project. Per the Tennessee Department of Transportation (TDOT), the Town is authorized to use our preferred lighting manufacturer as long as TDOT is notified in writing prior to issuance of the BID.

The Town of Atoka has worked with Amerlux LLC on previous projects and has been very satisfied with the design choices and functionality of their products. By choosing Amerlux LLC, the Town will be able to continue implementing uniformity in lighting design as the Town continues to update and expand greenways throughout our park system.

The Town of Atoka appreciates the option to choose Amerlux as the Town continues to extend connectivity throughout our greenway trail system.

Respectfully,

Cliff Evans

Parks and Recreation Director  
Town of Atoka

Athanasia Lewis

Town Administrator  
Town of Atoka



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Parks and Recreation Director  
Town of Atoka

Athanasia Lewis

Town Administrator  
Town of Atoka

# DOWNLIGHT PENDANT-MEDIUM

## 22" LED LUMINAIRE

### Description

Performance and directional control make this luminaire highly versatile and able to accommodate needs in the strictest environments. Multiple size and shade configurations make this luminaire suitable for a wide variety of decorative applications, especially where a Dark Sky friendly instrument is desirable.

The decorative housing encloses IP66 sealed optical modules, while protecting heat-sink fins from debris collection. The driver is accessible through the bottom. Greater than 88% optical efficiency, highly uniform with reduced hot-spot and greater fixture center spacing. This luminaire uses less than 60% of the energy yet achieves greater fixture spacing, improved uniformity vs. Metal Halide.

### Construction:

- Cast aluminum housing
- Spun aluminum shade

### Optical Chamber:

Individual IP66 sealed optical modules

### Installation

The luminaire will mount to a pendant crook or bracket by a 2" NPSM. Post top crooks will mount to a 4" OD post or tenon with (6) 5/16" stainless steel set screws. Wall bracket models have four 3/8" holes for mounting (wall mount hardware is not included)

### Driver:

Convection cooled driver with electronic constant current operation with over voltage and short circuit protection. Automatic voltage sensing for 120 to 277v input.

### Optics:

- High Performance individual optical refractive lens for each LED module.
- Cool, neutral, or warm color temperatures
- IESNA Full Cutoff
- Available in Type 2, 3, or 5 light patterns

### Finish

Premium quality thermoset polyester powdercoat for a durable finish in the following:

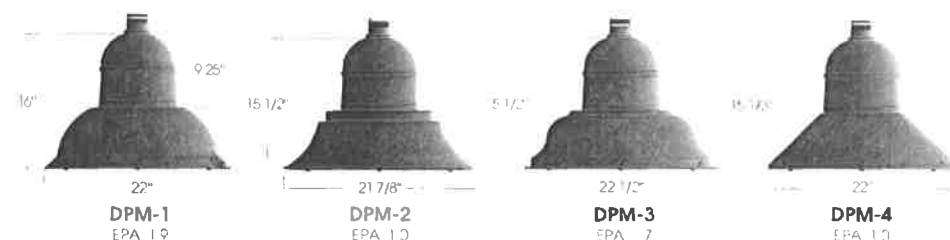
Standard:

**BLK** - Satin Black  
**CLB** - Classic Bronze  
**GRN** - Green  
**TBK** - Textured Black

Premium:

**ATC** - Antique Copper  
**GTG** - Granite Green  
**WHT** - White

### Available Shade Styles



### Ordering Information:

Mounting	Model	Light Dist. Type	Order Code	CCT	CRI	Approx. Lumens Delivered	Nominal Input Power	Finish
See next page for options	DPM-1	T2	3L	3000K	80	5,700	82W (4 LED)	ATC, BLK CLB, GRN GTG, SDS TBK, WHT Custom
	DPM-2		4L	4000K	80	5,900		
	DPM-3	T3	5L	5000K	70	6,100	126W (6 LED)	
	DPM-4		3H	3000K	80	8,725		
		4H	4000K	80	9,000			
		5H	5000K	70	9,300			

## DPM Series LED



PROJECT:

TYPE:

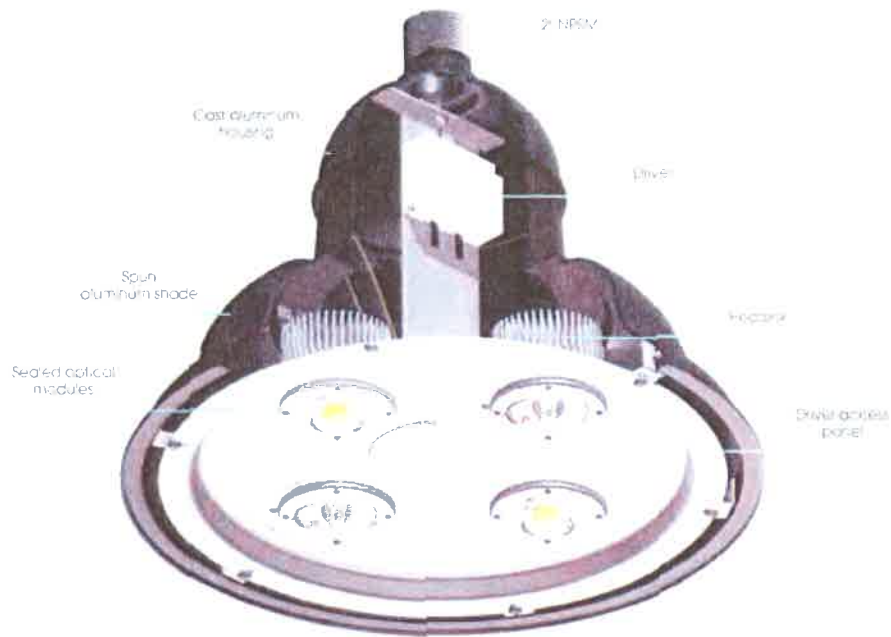


Electrostatic sensitive device  
observe precautions for handling

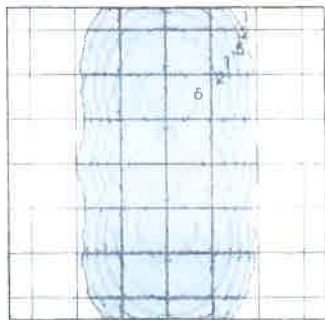


Part String

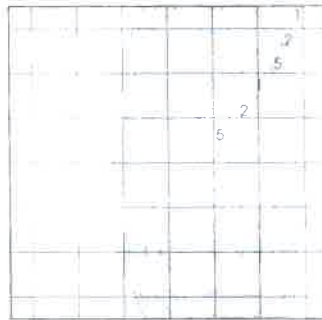
Example DPM-1/T2/3L/SDS



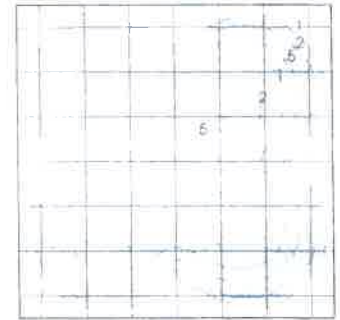
### Typical Photometry



DPM-X/T2/3H  
Scale: 1 Unit = 12 Ft  
Mounting Height = 12.00 Ft



DPM-X/T3/3H  
Scale: 1 Unit = 12 Ft  
Mounting Height = 12.00 Ft



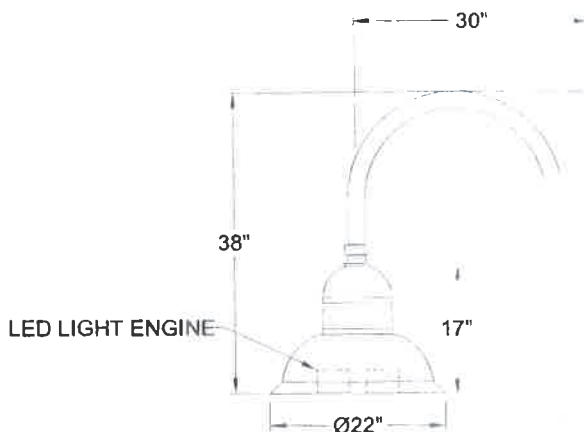
DPM-X/T5/3H  
Scale: 1 Unit = 12 Ft  
Mounting Height = 12.00 Ft

### Mounting Options (Slip fits 4"OD tenon)



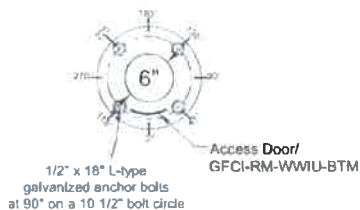
# **PART STRING**

EA6-12/LESS TENON/GFCI-RM-WWIU-BTM/PT41R/DPM-1/T2-3L/TBK



SLIP FITS OVER 4"OD

## Orientation/Anchor Guide



GFCI-RM-WWIU  
BTM

## **POLE DETAILS**

Shaft  
Ø4" Extruded Aluminum .125 Wall  
#6005-T5 Aluminum  
Base  
Cast Aluminum (A319 Alloy)

36"

43"

Ø16"



[www.amerluxexterior.com](http://www.amerluxexterior.com)

5220 SHANK ROAD PEARLAND, TX. 77581  
PHONE: (281) 997-5400 FAX: (281) 997-5441  
TOLL FREE: (800) 364-0098

**DATE**

5/1/2015

**QUOTE#/SO#**

35437

**JOB NAME:**

City of Atoka Walking Track

**LIGHT DISTRIBUTION**

☒ TYPE II DISTRIBUTION

**FINISH**

☒ TBK TEXTURED BLACK

POLYESTER POWDER COAT

**VOLTAGE**

☐ 120

☐ 277

☒ 120-277V

☐ 208

☐ MULTITAP

☐ SPECIFY

☐ 240

☐ 480

**LIGHT SOURCE**

HPS

MH

INDUCTION

☒ LED

3L

☐ OTHER

**FILE NAME**

City of Atoka Walking Track\_35437.dwg

**DRAWN BY**

JM

**REVISION**

R3

**NOTES**



**GENERAL:**

EXTERIOR HARDWARE WILL BE  
STAINLESS STEEL.  
ELECTRICAL COMPONENTS WILL BE ETL  
LISTED "SUITABLE FOR WET LOCATIONS."

Approved By \_\_\_\_\_ Date \_\_\_\_\_

**NOTICE:** THIS DRAWING IS FOR REFERENCE ONLY. CHECK FOR LATEST REVISION PRIOR TO ORDERING. THIS DRAWING SHOULD ACCOMPANY YOUR ORDER. THANK YOU